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(71)Applicant : SUMITOMO ELECTRIC IND LTD

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(72)Inventor : KUHARA MIKI

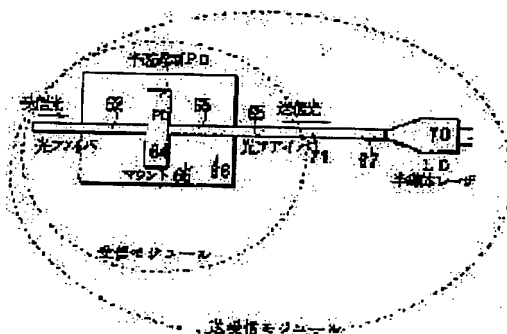
NAKANISHI HIROMI

(54) OPTICAL RECEPTION MODULE, OPTICAL TRANSMISSION-RECEPTION MODULE, AND MANUFACTURE OF THE OPTICAL RECEPTION MODULE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical reception module capable of being coupled with a single-mode fiber, reduced in the small number of components without providing a branching and optical demultiplexer, small in size and low in price.

SOLUTION: This optical reception module 67 is constituted by installing a 1st optical fiber 62, a semitransmissive type PD (photodetecting element) 64 which transmits part of signal light and absorbs part of it, and a 2nd optical fiber 65 linearly on a mount. An optical transmission and reception module 67 is constituted by connecting a light emitting element to the 2nd optical fiber 65. To use two-wavelength light for transmission and reception, a PD 64 is used which absorbs almost all of received light wavelength and transmits almost all of wavelength of transmit light.



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